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WPI Acc No: 1978-18010A/197810

**Toxic vapour generator esp. for hospital equipment
sterilisation - has coiled tube evaporator with discharge throttle in hot
tank**

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Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2639301	A	19780302				197810 B
DE 2639301	C	19860814				198633

Priority Applications (No Type Date): DE 2639301 A 19760901

Abstract (Basic): DE 2639301 A

A liquid evaporator for producing vapours having a toxic effect comprises a coiled or winding tube evaporator with a flow resistor at the outlet end. Pref., the flow resistor is a throttle, orifice plate, nozzle or the like, and pref. is adjustable.

Suitably, the coiled or winding tube is housed in a pref. insulated, heated vessel contg. a heating liquid, esp. water, with its level regulated by a float and control valve.

Used esp. for the sterilising of surgical instruments, other medical equipment, infusion bottles, hospital linen or the like, particularly using ethylene oxide vapour, freon vapour or a mixt. of these.

The throttling of the issuing vapour to small quantities enables the appts. to be used continuously instead of only intermittently, in a controlled manner without danger to the surroundings and personnel. If too much vapour is emitted, the pressure immediately drops so that the flow is reduced.

Title Terms: TOXIC; VAPOUR; GENERATOR; HOSPITAL; EQUIPMENT; STERILE; COIL; TUBE; EVAPORATION; DISCHARGE; THROTTLE; HOT; TANK

Derwent Class: D22; P34

International Patent Class (Additional): A61L-002/20; A61L-003/00

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): D09-A01

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